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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MDJ
12-13-02

In re the Application of

Yoshihiro TSUCHIYA et al.

Group Art Unit: 2653

Application No.: 09/769,760

Examiner: G. Letscher

Filed: January 26, 2001

Docket No.: 108337

For: MAGNETIC TRANSDUCER, THIN FILM MAGNETIC HEAD, METHOD OF
MANUFACTURING MAGNETIC TRANSDUCER AND METHOD OF
MANUFACTURING THIN FILM MAGNETIC HEAD

PRELIMINARY AMENDMENT

RECEIVED

DEC 11 2002

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Technology Center 2600

Sir:

Prior to initial examination and in reply to the November 8, 2002 Restriction/Election Requirement, please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel claims 1-27 without prejudice to or disclaimer of the subject matter contained therein.

Please add new claims 28-55 as follows:

AB
--28. A magnetic transducer, comprising:
a nonmagnetic layer having a pair of surfaces opposing each other;
a soft magnetic layer formed on one surface of the nonmagnetic layer;
a ferromagnetic layer formed on the other surface of the nonmagnetic layer;
an antiferromagnetic layer formed on the ferromagnetic layer on the side
opposite to the nonmagnetic layer;